



IAP4 Rec'd PCT/PTO 21 NOV 2005

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In Re the Application of:

Santos et al.

Serial No.: 10/551,292

Filed: September 28, 2005

Atty. File No.: 1660 WO/US

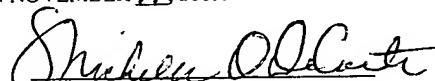
Title: Bifunctional Tridentate Pyrazolyl
Containing Ligands For Re and Tc
Tricarbonyl Complexes

) Group Art Unit: Not yet assigned

) Examiner: Not yet assigned

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING MAILED USING THE UNITED STATES POSTAL
SERVICE AS FIRST CLASS MAIL TO: COMMISSIONER
OF PATENTS, PO BOX 1450, ALEXANDRIA, VA 22313-
1450 ON NOVEMBER 17, 2005.


MICHELLE D. DE CORTE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

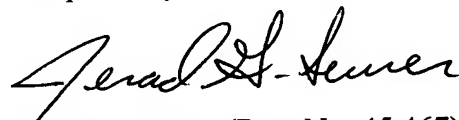
Dear Sir:

In accordance with duties imposed by 37 CFR §1.56 and means for complying therewith according to 37 CFR §§1.97-1.98, the references listed on the attached Form PTO/SB/08A are called to the attention of the US Patent & Trademark Office in relation to the present application.

No representation is made that the cited references are the only art or that the cited references represents the best art. The Examiner is urged to consider all of the cited references and to make an independent evaluation of the teachings and materiality of each.

Since this correspondence is being submitted prior to a first Office Action on the merits, it is believed that no fee is due. However, if a fee is required for entry of this correspondence, please charge Deposit Account No. 13-1160.

Respectfully submitted,


Jerad G. Seurer (Reg. No. 45,467)
jerad.seurer@tycohealthcare.com
314-654-3814

1660 WO/US

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/551,292
		Filing Date	September 28, 2005
		First Named Inventor	Santos et al.
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet 2 of 4	Attorney Docket Number		1660 WO/US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ALBERTO et al., Synthesis and structures of technetium..., Polyhedron Vol. 17, No. 8, pp 1303-1309, 1998	
		ALBERTO et al., TROTEC-1: A New High-Affinity Ligand for Labeling of the Dopamine Transporter, J. Med. Chem., Vol. 41, No. 23, Nov. 5, 1998	
		ALBERTO et al., First application of fac-[99mTc(OH ₂) ₃ (CO) ₃] ⁺ in..., J. Am. Chem. Soc., Vol. 121, pp6076-6077, 1999	
		ALBERTO et al., Organometallic 99mTc-Aquaion Labels Peptide..., J. Nucl. Med., Vol. 40, pp1913-1917, 1999	
		SCHIBLI et al., In Vitro and in Vivo Evaluation of Bidentate, Water-Soluble..., Nucl. Med. and Biol., Vol. 26, pp711-716, 1999	
		ALBERTO et al., Chemical and Biological Characterization of Technetium(I) and..., Bioconjugate Chem., Vol. 11, pp414-424, 2000	
		ALBERTO et al., Influence of the Denticity of Ligand Systems on the in Vitro and in Vivo..., Bioconjugate Chem., Vol. 11, pp345-351, 2000	
		ALBERTO et al., Derivatization of Glucose and 2-Deoxyglucose for Transition Metal..., Chem. Eur. Journal, Vol. 7, No. 9, pp1868-1873, 2001	
		ALBERTO et al., Aqueous One-Pot Synthesis of Derivatized Cyclopentadienyl..., Angew. Chem. Int. Ed., Vol. 40, No. 16, pp3062-3066, 2001	
		ALBERTO et al., Steps toward High Specific Activity Labeling of Biomolecules for..., Bioconjugate Chem., Vol. 13, pp750-756, 2002	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/551,292
		Filing Date	September 28, 2005
		First Named Inventor	Santos et al.
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet 3	of 4	Attorney Docket Number	1660 WO/US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SANTOS et al., Re and Tc Complexes containing B-H---M Agostic Interactions..., J. Am. chem. Soc., Vol. 122, pp11240-11241, 2000	
		SANTOS et al., Re Tricarbonyl Complexes with Ligands Containing P,N,N, and P,N, O Donor..., Inorg. Chem. Vol. 40, pp5147-5151, 2001	
		SANTOS et al., Coordination capabilities of pyrazolyl containing ligands towards the..., J. Chem. Soc. Dalton Trans., pp4714-4719, 2002	
		VALLIANT et al., Carboranes as Ligands for the PReparation of Organometallic Tc and Re Radiopharmaceuticals..., Inorg. Chem., Vol. 41, No. 4, pp628-630, 2002	
		VALLIANT et al, Bifunctional Single Amino Acid Chelates for labeling of Biomolecules with..., Inorg. Chem., Vol. 41, No. 24, pp6417-6425, 2002	
		SORRELL et al., Mononuclear Three-Coordinate Copper(I) Complexes: Synthesis, Structure,..., Inorg. Chem., Vol. 22, pp1883-1887, 1983	
		DRIESSEN et al., Co-ordination Compounds with tyhe N2S-Donor Ligand 1,5-Bis..., J. Chem. Soc. Dalton Trans., pp481-486, 1992	
		PARKIN et al., Bis(pyrazolyethyl) Ether Ligation to zinc and Cobalt: Meridional vs Facial..., Inorg. Chem., Vol. 35, pp2415-2420, 1996	
		BALLESTEROS et al., N-2-(Azol-1(2)-yl)ethyliminodiacetic Acids: A Novel Series..., Bioorganic & Medicinal Chemistry 7, pp517-527, 1999	
		BOUWMAN et al., Synthesis, characterization and crystal structures of nickel complexes with..., Inorg. Chim. Acta, Vol. 310, pp183-190, 2000	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/551,292
		Filing Date	September 28, 2005
		First Named Inventor	Santos et al.
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet 4	of 4	Attorney Docket Number	1660 WO/US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HOLZER et al., N-1 Substituted Ethyl 4-Pyrazolecarboxylates: Synthesis and Spectroscopic..., J. Heterocyclic Chem., Vol. 30, pp865-872, 1993	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.